| ***Type***  ***of Reaction*** | ***General Formula***  ***& Symbol Diagram*** | ***Description*** | ***Example Reaction*** |
| --- | --- | --- | --- |
| Synthesis | A + B → AB | **\_\_\_\_\_\_\_ elements combine to form a \_\_\_\_\_\_\_\_\_\_\_ .** OR **\_\_\_\_\_\_\_ small compounds form a \_\_\_\_\_\_\_\_\_\_\_compound** |  |
| Decomposition |  | **A \_\_\_\_\_\_\_\_\_ compound \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ into \_\_\_\_\_\_** **elements or two smaller compounds** |  |
| Single Displacement |  | **An element \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ of another element in a compound** |  |
| Double Displacement |  | **Elements in different compounds \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_** |  |
| Combustion |  | **When a \_\_\_\_\_\_\_\_\_ reacts with \_\_\_\_\_\_\_\_\_\_ releasing \_\_\_\_\_\_\_\_\_.**  **Clean combustion produces:**  **\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_** |  |

**Types of Chemical Reactions Date:\_\_\_\_\_\_\_\_\_**